

Comparisons of Job Characteristics

Focus Occupation: Air Traffic Controllers (53-2021)

Associated Occupation: Airfield Operations Specialists (53-2022)

[Compare Knowledge](#)

[Compare Skills](#)

[Compare Abilities](#)

[Compare Detailed Work Activities](#)

[Compare Tools and Technologies](#)

<<	Focus occupation element is much lower
<	Focus occupation element is lower
0	Focus occupation element is at a similar level
>	Focus occupation element is at a higher level
>>	Focus occupation element is at a much higher level

Knowledge

Similarity of Focus Occupation to Associated Occupation: 81

Focus Occupation: Air Traffic Controllers (53-2021)

Associated Occupation: Airfield Operations Specialists (53-2022)

Associated Occupation's Key Knowledge Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating	Evaluation of Focus Occupation
Customer and Personal Service	11.3	16.5	12.3	<< Extensive education and/or training may be required
Transportation	4.6	12.7	20.1	>> Current knowledge level is likely more than sufficient
Public Safety and Security	6.9	11.6	11.1	0 Current knowledge level may be sufficient
Geography	3.9	9.6	11.0	> Current knowledge level is likely sufficient
Telecommunications	3.9	7.7	8.4	0 Current knowledge level may be sufficient

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.

Skills

Similarity of Focus Occupation to Associated Occupation: 90

Focus Occupation: Air Traffic Controllers (53-2021)

Associated Occupation: Airfield Operations Specialists (53-2022)

Associated Occupation's Key Skills Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating	Evaluation of Focus Occupation
Active Listening	11.0	13.4	15.6	> Skill level is likely sufficient
Coordination	9.1	10.7	12.6	> Skill level is likely sufficient

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.

Abilities

Similarity of Focus Occupation to Associated Occupation: 85

Focus Occupation: Air Traffic Controllers (53-2021)
Associated Occupation: Airfield Operations Specialists (53-2022)

Associated Occupation's Key Abilities Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating		Evaluation of Focus Occupation
Oral Comprehension	12.5	14.9	17.8	>	Current ability level is likely sufficient
Problem Sensitivity	11.1	13.6	17.1	>>	Current ability level is likely more than sufficient
Far Vision	7.8	10.3	14.5	>>	Current ability level is likely more than sufficient
Selective Attention	8.7	10.2	16.2	>>	Current ability level is likely more than sufficient
Speed of Closure	5.9	8.1	15.6	>>	Current ability level is likely more than sufficient

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.

Activities that Both Occupations Have in Common

Similarity of Focus Occupation to Associated Occupation: 97

Focus Occupation: Air Traffic Controllers (53-2021)
Associated Occupation: Airfield Operations Specialists (53-2022)

Work Activities	Exclusivity of Activity
Analyze factors such as weather reports to determine air routes	99
Communicate technical information	4
Keep record of messages from aircraft	99
Understand English for aviation communications	89
Use aircraft safety regulations	85
Use computers to enter, access or retrieve data	3
Use two-way radio or mobile phone	42

Not all positions in these occupations will necessarily perform all of the listed activities. The exclusivity rating is an indication of how unique the activity is amongst all occupations. The maximum rating is 100. High scores indicate that only a small number of occupations engage in that activity.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.

Tools and Technologies that Both Occupations Have in Common

Similarity of Focus Occupation to Associated Occupation: n/a

Focus Occupation: Air Traffic Controllers (53-2021)
Associated Occupation: Airfield Operations Specialists (53-2022)

Tools and Technologies	Exclusivity
Tools and technology data is unavailable for one or both occupations.	

Not all positions in these occupations will necessarily use all of the listed tools and technologies. The exclusivity rating is an indication of how unique the tool or technology is amongst all occupations. The maximum rating is 100. High scores indicate that only a small number of occupations use that tool or technology.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.